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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On 7-27-04

TOWNSEND and TOWNSEND and CREW LLP

By: Linda Shaffer

PATENT

Attorney Docket No.: 009103-017410

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Paul F. Stetson

Application No.: 10/674,709

Filed: September 29, 2003

For: BLIND SOURCE SEPARATION
OF PULSE OXIMETRY SIGNALS

Customer No.: 20350

Confirmation No. 4596

Examiner: Matthew J. Kremer

Technology Center/Art Unit: 3736

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

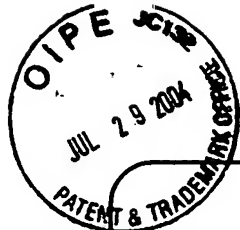
In response to the Office Action mailed April 23, 2004, please enter the following amendments and remarks. A petition for a one-month extension of time accompanies this response.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

07/29/2004 SHINASS1 00000026 201430 10674709

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PTO/SB/21 (04-04)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

| | |
|------------------------|--------------------|
| Application Number | 10/674,709 |
| Filing Date | September 29, 2003 |
| First Named Inventor | Stetson, Paul F. |
| Art Unit | 3736 |
| Examiner Name | Matthew J. Kremer |
| Attorney Docket Number | 009103-017410 |

Total Number of Pages in This Submission

1

ENCLOSURES (Check all that apply)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard |
|---|--|--|

Remarks

The Commissioner is authorized to charge any additional fees to Deposit
Account 20-1430.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

| | | |
|-------------------------------|---|-----------------|
| Firm or Individual name | Townsend and Townsend and Crew LLP Babak Kusha | Reg. No. 51,095 |
| Signature | <i>Babak Kusha</i> | |
| Date | 7/27/04 | |

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name

Linda Shaffer

Signature

Linda Shaffer

Date

7/27/04